

TOROS, Robert

Titanium-ion getter pump: a new instrument of ultravacuum engineering. Muszaki kozl MTA 31 no.1/4:217-233 162.

1. Magyar Tudomanyos Akademia Muszaki Fizikai Kutato Intezet
Elektronfizika Osztalya.

TOPSHENOV, N.G. (Novosibirsk)

Compressive creep of a D16T aluminum alloy. PMTF no. 6:158-159
N-D '61. (MIRA 14:12)

(Creep of metals)
(Aluminum alloys)

ZAWADZKI, Jerzy, doc. dr inż.; TOROŚIEWICZ, Teodor, mgr inż.;
NOWAK, Marian, mgr inż.

Dynamic balancing of the rotor of a generator. Przegl
mech 21 no.18:556-560 25 S '62.

1. Politechnika, Wrocław.

MEGRELISHVILI, T.G.; TOROSHELIDZE, T.I.

Spectral studies of the OH emission of light from the sky
during twilight. Biul. Abast. astrofiz. obser. no. 29:103-109
'62. (MIRA 16:1)

(Twilight) (Spectrum analysis)

PUTILIN, N.I., prof., ~~stv.~~ red.; ALEKSENTSEVA, E.S., prof., red.;
MAKARCHENKO, A.F., akademik, red.; PRIKHOD'KOVA, Ye.K., prof.,
red.; SKLYAROV, Ya.P., prof., red.; TORSKAYA, I.V., kand. biol.
nauk, red.; FEL'DMAN, A.B., prof., red.; FILIPPOVA, A.G., kand.
biol. nauk, red.; FUGOL', O.M., prof., red.; YANKOVSKAYA, Z.B.,
red. izd-va; MATVEYCHUK, A.A., tekhn. red.

[Selected works] Izbrannye trudy. Kiev, Izd-vo Akad. nauk USSR,
1962. 454 p. (MIRA 16:3)

1. Akademiya nauk Ukr. SSSR (for Makarchenko).
(PHYSIOLOGY)

TORSKIY, P.N., kand.tekhn.nauk

Coal dust in suspension in eastern Donets Basin mines. Bor'ba s
sil 5:137-141 '62. (MIRA 16:5)

1. Novocherkasskiy politekhnicheskiy institut.
(Donets Basin—Mine dusts)

TOROSOV, T.M.

Complement fixation reaction in brucellosis. Klin. med., Moskva
30 no. 11:32-37 Nov 1952. (CLML 23:5)

1. Leningrad.

TOROSOV T M.

"Observation of Antibodies in Brucellosis Patients With the Help of the Complement Fixation Reaction (at 0°)," by T. M. Torosov, Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, Supplement, 1957, pp 42-43

"Ninety brucellosis patients were examined, of which five had the acute septic form (decompensation); 33, a secondary-chronic metastatic form; (decompensation, 2; subcompensation, 14; and incomplete compensation, 17); 25, a primary-chronic metastatic form (decompensation, 4, subcompensation, 16; and incomplete compensation, 5); and 27, a subclinical primary-chronic metastatic form (subcompensation, 6; and incomplete compensation, 21). The complement fixation reaction was performed according to the Ioffe method (at 0°). Therapeutic vaccine and antigen-extract were used as antigen. Seventy-nine patients with typhoid and typhus, acute bacillary dysentery, rheumatism, pulmonary tuberculosis, etc., were examined as controls. In these controls, the reaction was at no time positive, which speaks for its high specificity.

"Positive results from the complement fixation reaction were obtained in 74 patients (82.2%), whereas only 33 patients (36.6%) gave positive reactions to the agglutination reaction; however, the allergic test seemed to be more highly sensitive and was positive in 87 persons (96.7%).

SYM.1305

1000000, 1.000000

"The aforementioned complement fixation reaction was repeated 2-6 times on 79 persons. The indexes of the reaction did not fluctuate appreciably in 48 persons; in 20 persons, fluctuation did not extend beyond the limits of positive indexes; and in 11 persons, the reaction was sometimes positive, sometimes negative, without any definite sequence of transition.

"In 70 persons with established brucellosis of long standing, it was observed that the complement fixation reaction was most frequently positive on the 4th-6th day of disease. The reaction was also most frequently positive in the acute septic form of the disease and in decompensated infections, more rarely in secondary- and primary-metastatic forms and subcompensation, and most rarely, in subclinical primary-chronic metastatic forms and incomplete compensation.

"Comparison of the data obtained led to the conclusion that the less compensation was disturbed throughout the entire course of the disease or in any given period of time, the longer the time from the onset of the disease required for the appearance of a positive complement fixation reaction. But under any conditions, the amount of positively reacting substances from patients with subclinical forms was less than from patients with manifested forms of the disease.

SUM. 1305

TOROSOV, T. M.

"Study of the remote and direct effect of subcutaneous vaccine therapy on the complement fixation reaction in 47 persons showed that it led to an increase in the number of positively reacting patients and to an increase in the intensity of the reaction.

"On comparison of data from observations with the use of the antigen-antibody reaction being studied, it was established that the antigens and antibodies are related to the stage of development and degree of compensation of the infection. However, increase in the antibody titer occurred later than maximum accumulation of antigen. Evidently the appearance of complement-fixed antibodies is connected with the circulation of lysed antigen which is observed with the use of the complement fixation reaction, since the appearance of agglutinins depends to a great extent on immunogenic stimulation by the live Brucella which have penetrated into the blood."

SUM 1305

USSR / Microbiology. Microorganisms Pathogenic to Humans
and Animals.

F-3

Abs J_{ur} : RaF Zhur - Biol., No 8, 1958, No 33855

Author : Torosov, T. M.

Inst : Not given

Title : Finding of Antibodies in Brucellosis Patients by
Complement Fixation (at 0°).

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1956 (1957),
prilozhenie, 42-43.

Abstract : Results are given of BSR (blood serum reaction) of 90
brucellosis patients. The reaction was applied by the
Joffe method (at 0°); as an antigen the medical vaccine
and antigen-extract were used. 74 patients (82.2%)
gave a positive reaction, while RA (antigen reaction)
was positive in only 33 (36.6%). BSR with brucellosis

Card 1/2

27

708080y 2/77
FRANKFURT, A.I., prof.; TOROSOV, T.M., kand.med.nauk; VASILYANSKAYA, A.D.
(Saratov)

Liver and kidneys in burns. Klin.med. 35 no.11:75-81 N '57.

(MIRA 11:2)

1. Iz kafedry voyenno-polevoy terapii (nach. - prof. A.I.Frankfurt)
vayenno-meditainskogo fakul'teta pri Saratovskom meditsinskom
institute.

(LIVER FUNCTION TESTS, in various dis.
burns)

(KIDNEY FUNCTION TESTS, in various dis.
burns)

(BURNS, metab.
kidney & liver funct. tests)

Torosov, T.M.
TOROSOV, T.M.

Use of the complement fixation reaction (at 0°) to detect antibodies
in brucellosis patients. Zhur.mikrobiol.enid. i immun., supplement
for 1956:42-43 '57 (MIRA 11:3)
(COMPLEMENT FIXATION) (BRUCELLOSIS)

TOROSOV, T.M.; ORECHKINA, M.L.; GRIBKOVA, V.I.

Results of bacteriological examination of the bile in dysentery
patients. Zhur. mikrobiol., epid. i immun. 40 no.11:123-127 N '63.
(MIRA 17:12)

1. Iz Voenno-meditsinskoy ordena Lenina akademii imeni Kirova.

1. T. M. TOROSOV
2. USSR (600)
4. Brucellosis
7. Complement fixation reaction in brucellosis. Klin. med. 30. no. 11. 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

TCRC^YSIAN, A.

The P-filter. p. 29. RADIO. (Ministerstvo na poshtite, telegrafite, telefonite i radioto i Tsentralniiia suvet na dobrovolnata organizatsiia za sudeistvie na otbranata) Sofiya. Vol. 5, No. 4, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

TOROSYAN, A. A.

Dissertation: "The Achievement of Two Harvests of Agricultural Crops per Year Under the Conditions Prevailing in the Sevan Basin." Cand Agr Sci, Department of Biological Sciences, Acad Sci Armenian SSR, 6 Jul 54. (Kommunist, Yerevan, 25 Jun 54)

SO: SUM 318, 23 Dec 1954

TOROSYAN, A.G.

Some problems of the diabetologic (diabetes). 1977. 12. Arm.SSR.
Biol. nauki 17 no.11:75-84 R 164 (1977 13:2)

1. Army sickly respubliki endokrinologicheskiy dispensar.

AKOPYAN, A.A., kandidat tekhnicheskikh nauk; LARIONOV, V.P., kandidat tekhnicheskikh nauk; TOROSYAN, A.S., kandidat tekhnicheskikh nauk.

Effect of voltage wave shape on the electrical strength of an air gap. Elektrichestvo no.5:14-21 My '56. (MLRA 9:8)

1. Vsesoyuznyy elektrotekhnicheskii institut imeni Lenina.
(Electric discharges)

TOROSYAN, A.S.

Applicability of criterial coordinates to the generalization of
data on power losses due to corona. Izv. AN Arm. SSR. Ser. tekhn. nauk.
17 no.5:9-18 '64. (MIRA 18:4)

1. Armyanskiy filial Vsesoyuznogo ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy institut elektromekhaniki.

AUTHORS: Akopyan, A. A., Larionov, V. P. (Moscow) 105-58-6-8/33
Torcayan, A. S. (Yerevan)

TITLE: Distortion of the Voltage-Wave in the Formation of a Discharge in a Wide Air-Gap (Iskazheniye volny napryazheniya pri formirovanii razryada v dlinnom vozdushnom pro-mezhutke)

PERIODICAL: Elektrichestvo, 1958, Nr 6, pp. 33-36 (USSR)

ABSTRACT: Problems of the calculation of voltage wave distortions in the formation of a discharge in a long air-gap are investigated here. The rules governing the change of the current prior to the discharge are the most important of these problems. First the method of investigation is given. A generator for pulse voltages of 3 mV and a capacity in the discharge of 3600 and 7200 uF was used in these investigations. It is shown that the measurement of the current before the discharge with connecting the snunt between plane and earth gives practically the same results as the measurement from the side of the grounded rod when bringing the voltage wave of negative polarity to the plane. Accor-

Card 1/4

Distortion of the Voltage Wave in the Formation
of a Discharge in a Gaseous Air-Cap

105-58-6-8/33

According to authors' opinion, this method is equivalent to that of connecting the shunt on the side of the high-voltage-electrode of the positive rod and at the same time it is essentially more simple since no measuring-instruments for high potential are required. In order to determine the distortion of the voltage wave, the dependence of this current on the voltage must be known. Numerous tests with different forms of the applied voltage wave were carried out for the purpose of determining the connection between the current prior to the discharge and the voltage in the discharge-gap between the positive rod and the plane. It was found that the current prior to the discharge is approximately expressed by the formula (1). This formula renders correctly the physical aspect of the phenomenon. The current prior to the discharge takes place under the condition that the voltage in the gap exceeds the break-down voltage of the gap-part which is not disturbed by the leader (liger). The dependence given in reference 3, which correlates the instantaneous

Card 2/4

Distortion of the Voltage Wave in the Formation
of a Discharge in a Wide Air-Gap

105-58-6-8/33

velocity of development of the discharge-leader with an instantaneous voltage-value in the discharge-gap and the length of that part of the gap which is not disturbed by the leader-canal, as well as the formula (1) make it possible to determine - by way of calculation - the form of the voltage wave distorted by the process before the break-down and the corresponding discharge-time of the generator of the impulse-voltages on the air-gap- if the wave-shape with the free-motion of the generator (non-distorted wave) is known. Neglecting the reactance in the discharge-circuit, the calculation presents no difficulties and is carried out according to the method of the successive intervals, analogous to the calculation of the leader-velocity and to the time prior to the discharge in reference 2. The measurements carried out according to the method given here furnish a satisfactory conformity with the test for unipolar waves of different form. There are 5 figures and 5 references, 4 of which are Soviet.

Card 3/4

Distortion of the Voltage Wave in the Formation
of a Discharge in a Wide Air-Gap

105-58-6-8/33

SUBMITTED: October 8, 1957

1. Electric discharges--Analysis
2. Electric currents--Performance
3. Pulse generators--Performance

Card 4/4

GRDZELYAN, P.A.; KARAPETYAN, M.M.; STEPANYAN, N.P.; TOROSYAN, A.S.

Features in calculating yearly losses of electric energy to
the corona of mountain transmission lines. Izv.AN Arm.SSR.
Ser.tekh.nauk 12 no.6:3-14 '59. (MIRA 13:6)

1. Institut elektrotekhniki AN Armyanskoy SSR.
(Electric lines) (Corona (Electricity))

TOROSYAN

KARAPETYAN, M.M.; TOROSYAN, A.S.

ZP-1 protective device used in the 1000 volt circuits of mobile substations for electric tractor units. Izv.AN Arm.SSR,Ser.FMET nauk 9 no.8:55-67 '56. (MLBA 10:2)

1. Laboratoriya elektrotekhniki AN Armyanskoy SSR.
(Electric controllers)

TOROSYAN, A. S.

"The Volt-Second Characteristics of long Air Caps With a Varying Form of Positive Pulse Voltage." Cand Tech Sci, All-Union Order of Lenin Electrical Engineering Inst imeni V. I. Lenin, 14 Dec 54. (TM, 3 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

80: SUM No. 556, 24 Jun 55

TATEVOSYAN, S.Ya.; TOROSYAN, A.S.

Effect of accumulated dirt on the electric characteristics of
certain suspension insulators. Trudy LPI no.195:419-424 '58.
(MIRA 11:10)

(Electric insulators and insulation)

GRDZELYAN, R.A.; DZHANDZHUGAZOV, N.G.; KARAPETYAN, M.M.; TOROSYAN, A.S.

Measuring circuits for investigating power losses in corona discharges. Izv. AN Arm.SSR. Ser.tekh.nauk 10 no.1:19-29 '57.
(MIRA 10:10)

1. Laboratoriya elektrotehniki AN Armyanskoy SSR.
(Electronic measurements) (Corona (Electricity))

AKOPYAN, A.A. (Moskva); LARIONOV, V.P. (Moskva) TOROSYAN, A.S. (Yerevan)

Distortion of the voltage wave during discharge formation in
a long air gap. Elektrichestvo no.6:33-36 Je '58. (MIRA 11:6)
(Electric discharges) (Electric waves)

SOV/112-58-2-2132

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1958, Nr 2, p 55 (USSR)

AUTHOR: Grdzelyan, R. A., Dzhandzhugazov, N. G., Karapetyan, M. M., and
Torosyan, A. S.

TITLE: A Measuring Circuit for Studying AC Corona Losses (Izmeritel'naya
skhema dlya issledovaniya poter' energii na koronu pereimennogo toka)

PERIODICAL: Izv. AN Arm. SSR, Ser. tekhn. n., 1957, Vol 10, Nr 1, pp 17-29

ABSTRACT: A circuit for measuring corona loss under high mountain conditions
(1,100 m and 2,000 m above sea-level) for 220-kv lines is described. Power
was measured by a special milliwattmeter with a maximum sensitivity of 0.1
w/m(?). Its voltage winding can be fed either from a capacitive no-loss vol-
tage divider through a 3-stage amplifier of high input impedance and with vol-
tage and current feedback, or from a resistive voltage divider through a trans-
former having very low inductance and no-load current. Possible errors are
analyzed and found to be $\pm 5\%$. A circuit alignment is also indicated.

N.N.T.

Card 1/1

TOROSYAN, E.S.

Automatic recording and signalling of anode effects. TSvet, met.
34 no.2:53-55 F '61. (MIRA 14:6)

1. Kanakerskiy alyuminiyevyy zavod.
(Aluminum--Electrometallurgy) (Automatic control)

TOROSYAN, G.

Modernization of basic equipment and the mechanization of labor
consuming operations at the Erivan Aluminum Plant. Prom.izm. 4
no.5:36-38 My '61. (MIRA 14:8)

1. Nachal'nik konstruktorskogo otdela Yerevanskogo alyuminiyevogo
zavoda.

(Erivan--Aluminum industry--Equipment and supplies)

TOROSYAN, Kh.S. (Tbilisi; SAKHAROVA, Z.S. (Tbilisi)

Organization of detection of trichomonal infestation in men
and women. Akush. i gin. no. 2:115-118'63. (MIRA 16:10)
(TRICHOMONIASIS) (UROLOGY)

TOROSYAN, S.A.

Effectiveness of vitamin B12 in diseases of the peripheral nervous system. Zhur.nev. i psikh. 59 6:742 '59. (MIRA 13:1)

1. Klinika nervnykh bolezney (zav. - prof. G.I. Mirsoyan) fakul'teta usovershenstvovaniya vrachey Yerevanskogo meditsinskogo instituta.

(NERVES, PERIPHERAL, dis.
ther., vitamin B12 (Rus))

(VITAMIN B12, ther.use,
peripheral nerve dis.(Rus))

TOROSYAN, S.G.

Give the green light to the production of new equipment for the
petroleum industry. Neftianik 2 no.10:23-25 0 '57. (MIRA 10:12)
(Petroleum industry--Equipment and supplies)

~~GORBUNOV, N.A.~~ (Rostov-na-Donu)

Lecture course in dermatovenereology. Vest.derm. i ven. 31 no.4:
33-34 J1-Ag '57. (MIRA 10:11)

(DERMATOLOGY, educ.

lecture courses in dermato-venereology in med. schools)

(VENEREAL DISEASES

same)

STOROSYAN, G. 72

CO

Extraction of paraffin from Surakhani crude oil by centrifuging. G. JIMINYAN
Azerbaidzhanishoe Neftyanoe Khesayisho 1930, No. 1, 30-40. Rpts. show that Sidiyas
centrifuges efficiently remove paraffin from Surakhani crude oil. This is important
because of the diminishing supply of Balakhanli crude oil, the present source of Russian
lubricating oils. V. KALCHURVAKY

ASB-514 METALLURGICAL LITERATURE CLASSIFICATION

FOROSYAN, G.

Purification of sea water for boilers. I. SHUK AND G. FOROSYAN. *Azerbaijani Neftyanoe Khimiyako* 1930, No. 10, 104 R.—Prevention of CaSO_4 formation is of primary importance. Ninety-five % of the Ca is pptd. by treating 100 cc. of water with 0.317 g. Na_2CO_3 . Fair results are obtained even with 0.075% Na_2CO_3 .

V. KALICHBERY

ASD SLA DETAILORIAL LITERATURE CLASSIFICATION

TEREKHIN, G. P.

Candidate of Veterinary Sciences (Turkmen Arie. Inst. of V. Med. I. Polik).

"The Treatment of Infected Wounds and Fracture-Neurotic Processes by Infusion of Heterogeneous Blood"

Veterinariya, No. 5, May 1950, pp 45-47 (Manuscript submitted to the Editorial Staff)

U-5555, p 3

Author comes to conclusion that infusion of heterogeneous blood is a "highly effective method for treating infected wounds in veterinary surgery."

TRUDOVAN, G. I. (Leningrad, 1954-1955)

"Use of Heterogeneous Blood in Surgical Practice" G. I. Trudovani.

Veterinariya, 31, No. 7, July, 1954, p 41 (Material submitted to the Soviet Union)

Trans. 594, L. Dulich, p 1

KARAYEV, S.K.; KYAZIMOV, Ya.R., red.; RASHEVSKAYA, T.A., red. izd-va;
TOROSYAN, R., tekhn. red.

[Improving equipment for drilling deep exploratory wells] So-
vershenstvovanie tekhnologii bureniya glubokikh razvedochnykh
skvazhin. Baku, Azerbaidzhenskoe gos. izd-vo, 1961. 131 p.
(MIRA 15:12)

(Azerbaijan—Boring)

TOROSYAN, R.N., inzh.

Control and automatic regulation of soil moisture in hotbeds and
greenhouses. [Nauch.trudy] VIESKH 3:222-242 '58.
(MIRA 13:4)

(Soil moisture) (Greenhouse management)

TOROSYAN, R.N.

TOROSYAN, R.N., Cand Tech Sci -- (diss) "Control and automatic regulation of soil humidity on protected land." Mos, 1958. 15 pp. ^{Joint} ~~(United Sci Soviet)~~ ^{Council of the} ~~Academy of Sciences~~ All-Union Sci Research Inst. ^{of} ~~Mechanization Agr VIM and All-Union Sci Research~~ Inst Electrification ^{of} ~~Agr VIESKH~~ ^h, 100 copies. (KL, 9-58, 120)

TOROSYAN, R.N., kand.tekhn.nauk

Ultrasonic treatment of the seeds of farm crops before planting.
Nauch. trudy VIESKH 11:81-92 '62. (MIRA 16:3)
(Plants, Ultrasonic waves, Effect on)

VARTAPETYAN, P.A.; MURADYAN, G.T.; TOROSYAN, S.A.

Precordial pains of extracardial origin. Sov. med. 22 no. 7:162-164
Jl '64. (MIRA 12:8)

1. Klinika fakul'tetskoy terapii (zav. - prof. T.S.Mnatsakanov),
klinika nevrologii i neyrokhirurgii (zav. - prof. S.G.Zograbyan),
i klinika nervnykh bolezney (zav. - prof. G.I.Morzoyan) Yerevanskogo
meditsinskogo instituta.

TOROSYAN, S.A.

~~Functional disorders in the sexual activity of men.~~ Izv. AN Arm.
SSR. Biol. nauki 13 no.6:103 Je. 60. (MIRA 13:8)

1. Klinika nervnykh bolezney fakul'teta usovershenstvovaniya vrachey
Meditsinskogo instituta.
(GENERATIVE ORGAN, MALE---DISEASES) (NEUROSES)

MIRZOYAN, G.I.; ANTONYAN, A.A.; TOROSYAN, S.A.; STEPANYAN, A.V.

On the problem of the pathology of vegetative function. Zhur.nevr.
i psikh. 55 no.7:531-533 '55. (MLRA 8:10)

1. Poliklinika II Meditsinskogo ob'yedineniya Yerevana (glavnyy
vrach-- A. A. Yesayan)
(AUTONOMIC NERVOUS SYSTEM, diseases)

TOROSYAN, S. A., Cand Med Sci --"011 ~~Towards~~ the problem of functional disorders of sexual activity in ^{men} ~~men~~. Yerevan, 1961.
(Yerevan State Med Inst) (KL, 8-61, 265)

- 531 -

TORCSYAN, S.G., inzh.

Devices for screwing and unscrewing pump-compressor pipes. Izbor.
i rats. 3 no. 4:8 Ap '58. (MIRA 11:7)
(Pipe joints)

TOROSYAN, S.G., inzh.

The DASFO double-chamber lamellar filter for fine purification,
Isorb. v 888R 3 no.3:10 Mr '58. (MIRA 11:3)
(Automobiles--Engines--Oil filters)

MEKHAVA, A.S.; TOROTADZE, E.E.

Transformation of ciliated cells of the epithelium into goblet cells. Trudy Tbil. GU 68:55-59 '63. (MIRA 18:8)

1. Kafedra gistologii Tbilisskogo universiteta.

GOGIYA, G.; TOROTADZE, E., red.; KOKAIYA, A., tekhnred.

[Tiflis, a brief guidebook] Tbilisi: kratkii putevoditel'.
Tbilisi, Gos. izd-vo "Sakchota Sakartvelo," 1958. 53 p. (MIRA 11:12)
(Tiflis--Guidebooks)

TOROTADZE, E.E.

Histogenesis of the tracheal epithelium in man. Soob. AN Gruz.
SSR 30 no.1:79-84 Ja '63. (MIRA 17:1)

1. Tbilisskiy gosudarstvennyy universitet. Predstavleno
akademikom K.D. Eristavi.

*

ACC NR: AP7001385

(A,N)

SOURCE CODE: UR/0413/66/000/021/0055/0055

INVENTOR: Rosnitskiy, O. V.; Torotenzov, S. B.

ORG: none

TITLE: A cylindrical magnetic thin-film memory matrix. Class 21, No. 187839

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 21, 1966, 55

TOPIC TAGS: thin film memory, logic element, matrix element

ABSTRACT: An Author Certificate has been issued for a cylindrical magnetic thin film memory matrix with excitation windings (see Fig.1). To reduce the value of control currents and

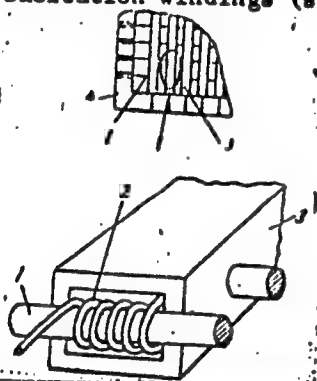


Fig. 1. Thin-film memory matrix

- 1 - Conductor with a ferromagnetic film;
- 2 - solenoid winding; 3 - magnetic circuit;
- 4 - frame.

Card 1/2

UDC: 681.142.07

ACC NR: AP7001385

increase the density of data allocation, a magnetic circuit made of ferromagnetic material envelopes the memory cells of the matrix over the excitation windings. [JR]
Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 26Oct65/ ATD PRESS: 5110

Card 2/2

ACC NR: AP7005603

SOURCE CODE: UR/0413/67/000/002/0042/0042

INVENTOR: Rosnitskiy, O.V.; Torotenzov, S.B.

ORG: none

TITLE: Closed thin-film magnetic memory element. Class 21, No. 190414

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 42

TOPIC TAGS: magnetic thin film, computer memory, *THIN FILM MEMORY*

ABSTRACT:

An Author Certificate has been issued for a thin-film magnetic memory element that contains control windings and a thin layer of ferromagnetic material deposited on a substrate (see Fig. 1). The cylindrical substrate envelopes the control windings, and has a gap filled with the ferromagnetic material to decrease control current amplitude and power consumption and increase the information retention reliability of the memory element. Orig. art. has: 1 figure. [IV]

Card 1/2

UDC: 681.142.07

ACC NR: AP7005603

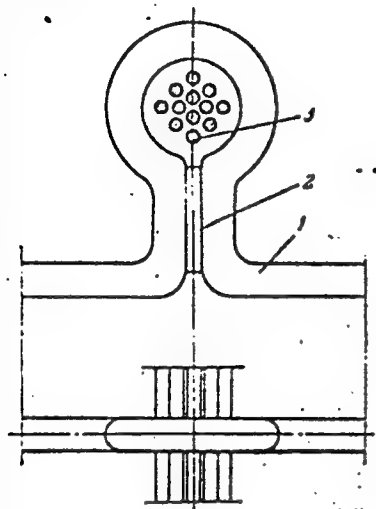


Fig. 1. Thin-film magnetic memory unit

1 - Cylindrical substrate; 2 - thin layer of ferromagnetic material; 3 - multiconductor excitation windings.

SUB CODE: 09/ SUBM DATE: 07Oct65/ ATD PRESS: 5116

Card 2/2

Production of ethylene in the fractionation
of coke-oven gas by intensive rectification. N. A.
TOMOSHEVICH, M. Chern. Ind. Russ., 1937, 14,
510-513. A fraction containing ~70% of C₂H₄ is
obtained by appropriate distillation of liquefied coke-
oven gas. R. T.

A-3

BC

Liquid and gaseous phases in the system nitrogen-carbon monoxide. N. F. JUSCHKE-VITICH and N. S. TOMOTAKUSCHNIKOV (J. Chem. Ind. Russ., 1966, 13, 1273-1280).—Mixtures of CO and N₂ at 90–112° abs. conform to the requirements of Raoult's law. The differential latent heats of vaporization of CO and N₂ for various mixtures have been calc. for different temp. and pressures. Empirical equations connecting fugacity with temp. and pressure are derived. R. T.

ADD-514 DEVALUOLOGICAL LITERATURE CLASSIFICATION

ESOM STIRIENH 10220 MAP ONO COI

ESOM STIRIENH 10220 MAP ONO COI

SHAYEVICH, A.B.; DANILEVSKAYA, V.V.; ZHOROVA, N.I.; KAZARINA, G.P.;
TOROVINA, A.G.

Spectrographic determination of hydrogen in nickel and copper
and of oxygen in copper. Zav. lab. 30 no.11:1343-1346 '64
(MIRA 18:1)

1. Ural'skiy nauchno-issledovatel'skiy institut Chernykh
metallov.

PANFILOV, A.N., podpolkovnik; SMIRNOV, N.N., inzhener-podpolkovnik;
TITOV, F.A., inzhener-mayor; TOROVINOV, I.M., podpolkovnik

Characteristics of helicopter flights from ships. Mor. sbor.
48 no.5:77-81 My '65. (MIRA 18:6)

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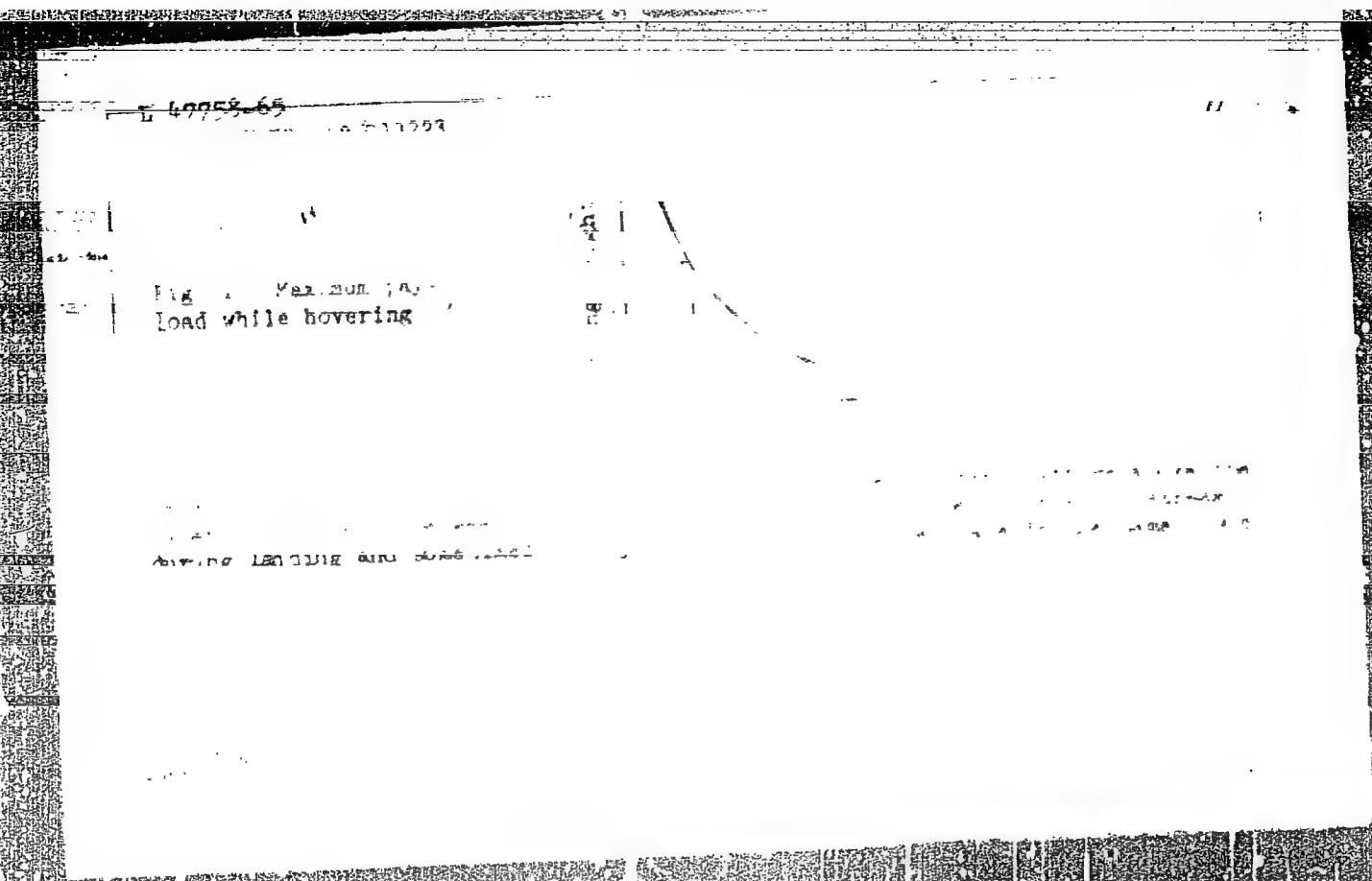
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TOROZOVA, L.I.

Genesis of radioactivity of the TSkhaltubo mineral springs.
Trudy Inst.geofiz.AN Gruz.SSR 17:383-404 '58.
(MIRA 13:4)

1. Gromovakaya ekspeditsiya Ministerstva geologii i okhrany
nedr SSSR.
(TSkhaltubo region--Mineral waters)
(Radioactivity)

CHIKHENKELI, Sh.M.; TOROZOVA, L.I.; TSKHETELI, TS.I.

Radioactivity of fresh and mineral waters of Svanetia and the
mountainous Mingrelia. Trudy Inst. geofiz. AN Gruz. SSR 16:
91-96 '57. (MIRA 11:6)

(Georgia--Water) (Radioactivity)

TOROZOVA, L.I.

CHIKHENKELI, Sh.M.; TOROZOVA, L.I.

Radioactivity of fresh and mineral waters in Abkhasia. Trudy
Inst.geofiz. AN Gruz.SSR 15:95-101 '56. (MLRA 10:7)
(Abkhasia--Mineral waters) (Radioactivity)

KEBULADZE, V.V.; TOROZOVA, L.I.

Radioactivity of the Borzhomi and Surami mineral waters [in Georgian
with summary in Russian]. Trudy Inst.geofiz. AN Gruz.SSR 13:131-135
'54. (MLRA 9:9)
(Borzhomi--Mineral waters) (Surami--Mineral waters)

TORPAKOV, F. G., SLAVIN, A. M. and KOMAROV, N. M.

"Ventilation of pigsties with heating of flowing air."

Veterinariya, Vol. 37, No. 7, 1960, p. 75

Torpakov - Conf. Vet. Sci -

TORPAN, B.K., kand. tekhn. nauk, dots.; KHYDREYARV, Kh.Kh. [Hädrejärv, H.],
inzh.

Investigating the corrosion of steel in the presence of shale
ash at high temperatures. Izv. vys. ucheb. zav.; energ. 2 no.7:
105-110 J1 '59. (MIRA 13:1)

1. Tallinskiy politekhnicheskiy institut.
(Steel--Corrosion) (Oil shales)

TORPANOVA, G.A., inzhener.

[Heat treatment of steel] Termicheskaya obrabotka stali.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po cherno i
tsvetnoi metallurgii, 1947. 211 p. (MLRA 7:2)
(Steel--Heat treatment)

TORPANOV, G. A.

PA 18/49T91

USSR/Metals

Dec 48

Steel, Chromium-Nickel

Steel, Structural

"Low-Alloy Structural Steel," L. G. Livshits,
Cand Tech Sci, G. A. Torpanov, Engr, TsNIICherMET,
4 pp

"Stal'" No 12

Some alloy structural steels (in particular,
those containing molybdenum) can be success-
fully replaced in many cases by proposed low-
alloy steels of low chromium and nickel content.
Includes nine diagrams, one microphotograph, and
three tables.

18/49T91

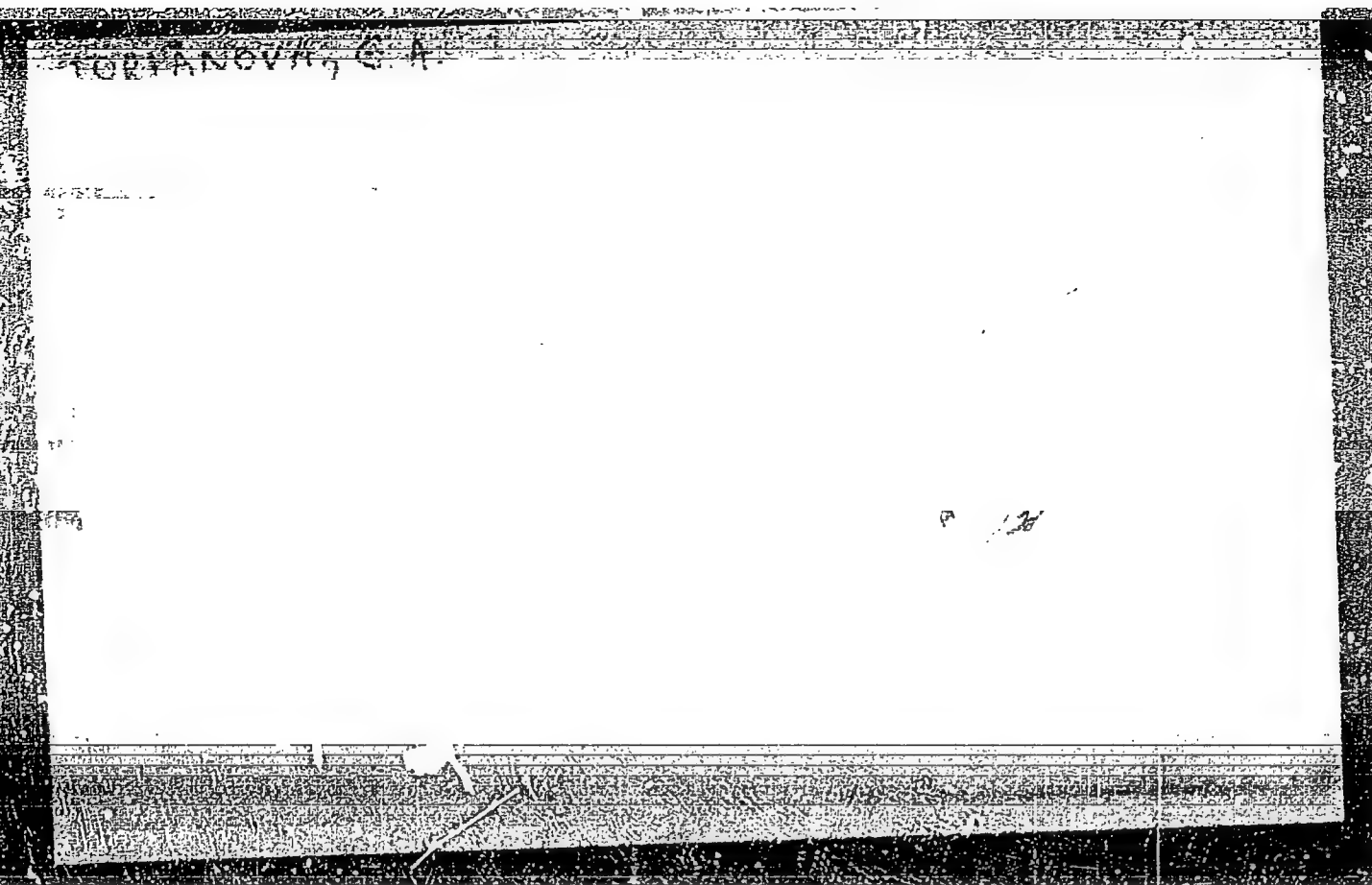
LIVSHITS, G.L., kandidat tekhnicheskikh nauk; TORPANOVA, G.A., kandidat tekhnicheskikh nauk.

Alloying 18KhGT and 30KhGT steels with zirconium. Stal' 16 no.6:
571 Je '56. (MLRA 9:8)

1. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metal-
lurgii.
(Steel-zirconium alloys)

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LIVSHITS, G.L., kandidat tekhnicheskikh nauk; TORPANOVA, G.A., kandidat tekhnicheskikh nauk; SMIRNOV, Ye.V., inzhener.

"Alloyed structural steels" V.A. Delle. Reviewed by G.L. Livshits, G.A. Torpanova, E.V. Smirnov. Stal' 16 no.2:188-189 # '56.

(MLRA 9:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metal-lurgii.

(Steel, Structural) (Delle, V.A.)

AUTHORS: Prodantsev, M.V., Doctor of Technical Sciences, Professor,
Livshits, G.L., Torpanova, G.A., Candidates of Technical
Sciences

TITLE: Nitriding Molybdenum-Free Steel (Azotiruyemaya
bezmolibdenovaya stal')

PERIODICAL: Stal', 1959, Nr 3, pp 262 - 267 (USSR)

ABSTRACT: The development, production and testing of molybdenum free
nitriding steels is described. Laboratory and industrial
investigations indicated that in order to obtain nitrided
surface of a hardness not less than 900 Hv on chromium,
chromium-vanadium and chromium tungsten vanadium steels the
content of aluminium of 0.4% is sufficient. Such a
decrease in the aluminium content also improves the tech-
nological properties of steel during its smelting. To
replace steel 38KhMYuA three new steels of the following
composition were developed, %:

	C	Si	Mn	Cr
38KhYuA	0.35-0.43	0.17-0.37	0.20-0.40	1.50-1.80
38KhVYuA	0.35-0.43	0.17-0.37	0.20-0.40	1.50-1.80
38KhVYuA	0.35-0.43	0.17-0.37	0.20-0.40	1.50-1.80

Card1/3

Nitriding Molybdenum Free Steel

SOV/133-59-3-24/32

	W	V	Al
38KhYuA	-----	-----	0.50-0.80
38KhVfYuA	0.20-0.40	0.10-0.20	0.40-0.70
38KhVYuA	0.20-0.40	-----	0.40-0.70

These steels after thermal treatment may possess indices of mechanical properties not lower than:

	σ_B kg/mm ²	σ_S kg/mm ²	δ %	ψ %	a_k kgm/cm ²
Steel 38KhYuA after hard- ening of a billet of dia. 30 mm in oil or warm water from 930 °C and annealing at 600-630 °C	95	80	12	50	8
38KhVfYuA after hardening as above and annealing at 600 °C	100	85	15	50	9
38KhVYuA after hardening as above and annealing at 620-640 °C	100	85	15	50	9 .

Card2/3

Nitriding Molybdenum Free Steel

SOV/193-59-3-24/32

Steel 38KhYuA is recommended for parts of small cross-sections and the other two steels for larger parts. The hardness of the nitrided surface of these steels is not less than 900 Hv. The technology of production of machine parts from these steels does not present any difficulties and is similar to that for steel 38KhMYuA. Steel 38KhYuA, as the most economical, is recommended for a wide application in the machine-building industry instead of 38KhMYuA. For nitrided parts operating at elevated temperatures (300 - 500 °C) steels 38KhVYuA and 38KhVYuA are recommended. There are 1 figure, 7 tables and 4 references, 3 of which are English and 1 German.

ASSOCIATION: TsNIChM

Card 3/3

TORPANOVA, G.A.

Moscow, Tsentrallyy nauchno-issledovatel'skiy institut Cherny metallurgii

Spetsial'nyye stal i splav (Special Steels and Alloys) Moscow, Metallurgizdat, 1960. 188 p. (Series: Its: Spornik trubit, vyp. 17) Errata slip inserted. 4,000 copies printed.

Sponsoring Agencies: Institut kachestvennykh staley; Gosudarstvennyy nauchnyy tsentr; Sovetskaya Ministroy SSSR; and Glavnyy upravleniye nauchno-issledovatel'skikh i proyektnykh organizatsiy.

Ed.: M.V. Prizantsev; Ed. of Publishing House: A.L. Ozeretskiy; Tech. Ed.: V.V. Mikhaylova.

PURPOSE: This book is intended for engineering and research personnel in the metallurgical and machine-building industries.

COVERAGE: This book contains papers on the physical properties of special industrial steels and alloys. Individual papers treat the problem of flake formation in steels and preventive measures, the effect of alloying additions and heat treatment on the structure and properties of steel, steel corrosion and preventive measures, and the properties of chromium-nickel alloys. There are 120 references: 87 Soviet, 32 English, 9 German, and 2 French.

Prizantsev, M.V. (Professor, Doctor of Technical Sciences), and G.A. Torpanova (Candidate of Technical Sciences). The Effect of Carbon on Heat-Resisting Properties of Low-Alloy Boiler Steels 80

Prizantsev, M.V., and G.A. Torpanova. New Steel Without Molybdenum for Cracking Plants 86

Livshits, G.L., and G.A. Torpanova (Candidates of Technical Sciences). Effect of Niobium on the Properties of Constructional Steel 99

Livshits, G.L., and G.A. Torpanova. New Types of Constructional Steel 103

Ivanov, A.O. (Candidate of Technical Sciences). The Study of High-Speed Cobalt Steel 107

Petrin, A.G. (Engineer). Properties of Cold Transformer Grade Electrical Steels 130

Mefedov, A.A. (Engineer). Cold Rolled Dynamo Grain Electrical Steels 134

Rubakov, A.A. (Candidate of Technical Sciences), and T.A. Zhadan (Engineer). Means of Increasing the Plasticity of MnS Steel 161

Kabanov, A.A., and D.G. Tarasov (Engineer). Pitting Corrosion of Chromium Stainless Steels 184

Rubakov, A.A., and Ye.N. Karava. Stabilizing Annealing and Its Effect on Corrosion Resistance of IM-1887 Steel 204

Kabanov, A.A., D.G. Tarasov, and A.A. Sabirin (Engineer). Sea-Water Corrosion of Steels 229

Talov, B.P. (Engineer). Scarce Austenitic High-Strength Steels 247

Zigova, Ye.V. (Engineer). On the Tenacity of Chromium-Manganese-Copper Steels Towards Interstitial Corrosion 264

Bekasov, A.A., and D.G. Tarasov. Microalloyed Corrosion of Steels 311

Bekasov, A.A., and Ye.V. Zhigova (Engineer). Corrosion of Steel in Industrial Low Nitrogen Steels 321

Chernyshov, Ye.M. (Candidate of Technical Sciences). Prevention and Control of Features of Steels Alloyed with Hf, Nb, Ti, and Zr 351

Prizantsev, M.V., and A.V. Mikhaylova (Engineer). Effect of Alloying Elements on Service Life of Steel 364

Mikhaylova, A.V. (Engineer). Effect of Alloying Elements on the Properties of Steel 374

Prizantsev, M.V., and A.V. Mikhaylova. Corrosion of Steel in Industrial Low Nitrogen Steels 384

Prizantsev, M.V., and A.V. Mikhaylova. Corrosion of Steel in Industrial Low Nitrogen Steels 394

Prizantsev, M.V., and A.V. Mikhaylova. Corrosion of Steel in Industrial Low Nitrogen Steels 404

Prizantsev, M.V., and A.V. Mikhaylova. Corrosion of Steel in Industrial Low Nitrogen Steels 414

Prizantsev, M.V., and A.V. Mikhaylova. Corrosion of Steel in Industrial Low Nitrogen Steels 424

MESHCHERINOVA, O.N., kand.tekhn.nauk; TRIFONOVA, T.N., inzh.; TORPANOVA,
G.A., kand.tekhn.nauk; SMIRNOV, Ye.V., inzh.; BABAKOV, A.A.,
kand.tekhn.nauk; KAROVA, Ye.N., inzh.; ZHADAN, T.A., inzh.;
TALOV, N.P., inzh.; TSYPKINA, Ye.D., kand.tekhn.nauk; DORONIN,
V.M., inzh.; DAVYDOVA, L.N., inzh.; PRIDANTSEV, M.V., prof.,
doktor tekhn.nauk, red.; LIVSHITS, G.L., kand.tekhn.nauk, red.;
BERLIN, Ye.N., red.izd-va; MIKRAYLOVA, V.V., tekhn.red.

[Steels with low nickel content; a handbook] Stali s ponizhen-
nym soderzhan'iem nikela; spravochnik. Pod red. M.V.Pridantseva
i G.L.Livshitsa. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
chernoi i tsvetnoi metallurgii, 1961. 200 p. (MIRA 14:12)

1. Direktor instituta kachestvennykh staley Tsentral'nogo
nauchno-issledovatel'skogo instituta chernoy metallurgii im.
I.P.Bardina (for Pridantsev).
(Nickel steel)

LEYKIN, I.M., kand.tekhn.nauk; TORPANOVA, G.A., kand.tekhn.nauk

Conference on the coordination of research on low-alloy steels.
Stal' 22 no.3:268-269 Mr '62. (MIRA 15:3)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy
metallurgii.
(Metallurgical research--Congresses) (Steel alloys)

RAYVILVICH, C.A.; TOPIALOV, G.V.:

Investigating the mechanism of grain growth in Fe-Ni alloys
alloyed with zirconium and hafnium using the method of
high temperature X-ray diffraction. *Met. Sci. Eng.* 1984, 11:
105-111. *U.S.S.R.*

NAZAROVA, T.N., kand. tekhn. nauk; BABAYAN, V.V., inzh.; TORPANOVA,
G.A., kand. tekhn. nauk; KACHUR, L.D., inzh.

New 25KhNTTs case-hardened steel for the pistons of tractor
transmissions. Trakt. i sel'khoz mash. no. 4:42-43 Ap '65.
(MIRA 18:5)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny
institut (for Nazarova, Babayan). 2. Tsentral'nyy nauchno-issledo-
vatel'skiy institut chernoy metallurgii imeni Bardina (for Torpanova).
3. Lipetskiy traktorny zavod (for Kachur).

TORPENY, I.

Methods Applied to Pursue Dilutions and Losses of Complex Ores in Mining Operations and the Results Obtained therein. Revista Minelora (Mining Journal), #5:185:May 55

TORPENY, L.

Descoperirea si folosirea rezervelor interne la intrrinderile minere. Mining
Journal, #2:Feb. 55

TORPENY, L.

Revealing and utilizing internal resources in the enterprised of the mining industry. Mining Journal, #2:41:Feb. 55

HORNIK, Norbert; TOR-PIEKLUWA, Krystyna

A case of progressive lipedystrophy. *Pediat pol* 36 no.2:171-180
F '61.

1. Z Kliniki Choroób Dzieci A.M. w Krakowie Kierownik: prof. dr
med. T. Giza.

(LIPODYSTROPHY in inf & child)

TOR-PIEKOLWA, Krystyna (Krakow)

Clinic of the early symptoms of poliomyelitis and their significance for early diagnosis. Przegl.lek., Krakow 11 no.4:114-120 '55.

1. Z Kliniki Chorob Dzieci A.M. w Krakowie Kierownik: prof. dr med. W. Bujak. Z Oddzialu Choroby Heinego-Medina Wojewodzkiego Szpitala Specjalistycznego w Krakowie, Ordynator: dr.med. E Juzwa.
(POLIOMYELITIS, diagnosis
early, clin.aspects)

STAPINSKI, Andrzej, TOR-PIEKLOWA, ~~Prystyna~~

Ichthyosis congenita s foetalis. Podiat.polska 30 no.5:463-472
May '55.

1. Z Kliniki Chorob Dzieci A.M. w Krakowie. Kierownik: prof. dr.
med. Wl.Bujak i z Kliniki Chorob Skornych i Wenerycznych A.M.
w Krakowie. Kierownik: prof. dr med. K. Lejman, Krakow, Koper-
nika 17.

(ICHTHYOSIS,
congen.)

(INFANT, NEWBORN, diseases,
ichthyosis)

TOR-PIEKŁOWA, Krystyna

Acute encephalitis. Przegl. lek. 10 no.3:95-98 Wr '54.

1. Z Kliniki Chorob Dzieci Akademii Med. w Krakowie. Kierownik:
Prof. dr Wl.Bujak.
(ENCEPHALITIS, EPIDEMIC.)
*

POLAND

TOR-PIEKLOWA, Krystyna, Pediatric Clinic (Klinika Dziecięca),
AM [Akademia Medyczna, Medical Academy] in Krakow (Director:
Prof. Dr. med. T. GIZA)

"Difficulties and Errors in the Diagnosis of Poliomyelitis."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 8, 28
Aug 63, pp 328-330

Abstract: [Author's Russian summary modified] The author discusses complicating factors which make correct diagnosis of polio difficult and lists the diseases with which it is easily confused and criteria for their differentiation. She also notes some studies made at the clinic on creatine and phosphor metabolism of 100 polio patients (both paralytic and non-paralytic form), the blood and urine picture of which may prove valuable both in the diagnosis and prognostication of this disease. There are 19 references: One (1) Soviet, 15 Polish, and three (3) Western.

1/1

POLAND

JOR-PIEKLOWA, Krystyna, Second Pediatric Clinic (II Klinika Chorob Dzieci), AM [Akademia Medyczna, Medical Academy] in Krakow (Acting Director: Docent, Br. A. SZMALC)

"Dermatomyositis in the Light of the Case of an 8-Year Old Girl."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 6, 24 Jun 63, pp 235-237

Abstract: [Author's English summary modified] Author describes the case, where after numerous infections, the child developed increasing pains in the legs, difficulty in stooping and sitting, edema and redness of eyelids, transient allergic rashes, and enuresis both by day and at night. The clinical picture, creatinuria, electromyography, electrophoresis, ESR, and anatomopathological examination of a dermo-muscular section were typical of this disease. The disease yielded to treatment with steroids, including prednisone, duraboline, massage, and saline baths. There are ten (10) references: Seven (7) Polish and three (3) German.

1/1

Topic: I.B.O. 10, Kr. 10, 10

Diagnostic difficulties and errors in poliomyelitis. Przegl. lek
19 no. 8: 333-340 '63.

1. Children's Clinic of the School of Medicine, Krakow. Head: Prof.
Dr. T. Giza.

TORPIN, G. I.

"Effect of Prism and 'Cushion' on the Absolute Determination of Gravity Acceleration by Means of Pendulum", Tr. Vses. n-i. in-ta metrologii, No 23, pp 18-25, 1954.

The swing of the pendulum depends on the radius of curvature of the prism on which it is suspended and the elasticity coefficient K of prism and cushion on which the prism leans. The swing of the same pendulum varies if suspended on various prisms and cushions and the variation reaches 57.10 sec. The correction of the swing period is expressed in two terms, the first proportional to the amplitude, the second to amplitude square. (RZhAstr, No 11, 1955)

SO; Sum 812, 6 Feb 1956.

TORPOGOSOV, Z.A., kand. tekhn. nauk; GONCHAREVICH, I.F., kand. tekhn. nauk

Vibration recovery in working thick ore deposits. Nauch.
soob. IGD 15:33-43 '62. (MIRA 17:2)

TORPORETZ, A. S.

LUMINESCENCE SPECTRA OF PHOSPHORS ACTIVATED WITH SILVER.
A. S. TORPORETZ (IZV. AKADEM. NAUK SSSR, KIEV, 1940, 8, 161-166)

The luminescence spectra of the phosphors $MX-As$ consist of two bands (245-260 and 360-290m μ .) when $M=Na$, and one band (275-290m μ .) when $M=K$ ($X=Cl, Br, I$). The mechanism of luminescence is discussed. RT

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